



MAKE A DIFFERENCE WHERE IT MATTERS

WHAT IS THE CONSTRUCTION & INFRASTRUCTURE PATHWAY?

This pathway includes the industries that build, repair, and maintain the places we live, work, and move through — from homes and schools to roads and power lines.

THIS PATHWAY INCLUDES SECTORS LIKE:

- Carpentry and Building
- Plumbing and Drainlaying
- Electrical and Civil Works
- Infrastructure and Roothing
- Painting, Plastering, Roofing, and Tiling

IS THIS THE PATHWAY FOR YOU?

- Do I like working with tools and materials?
- Am I reliable, practical, and good at following instructions?
- Do I enjoy physical activity and working outdoors?
- Can I work safely and solve problems as they come up?
- Do I like the idea of seeing real results at the end of the day?

If you answered yes, a career in construction or infrastructure might be the right foundation for your future.

WHAT JOBS COULD I DO?



Entry-Level Jobs

Construction Labourer, Roofing or Scaffolding Assistant, General Maintenance Worker, Traffic Control Assistant, Builder's Apprentice

With Training or Experience

Qualified Carpenter, Apprentice Electrician, Civil Works Operator, Apprentice Plumber or Drainlayer, Painting & Decorating Technician

Specialist/Professional Roles

Site Manager, Project Manager, Quantity Surveyor, Building Inspector, Infrastructure Engineer

WHAT CAN I EARN?

- Entry-level jobs start at **\$47,000 – \$55,000**/year.
- Apprentices earn while they learn and move up to **\$70,000 – \$90,000** once qualified.
- Specialist and supervisory roles can earn **\$100,000+**, especially in civil and infrastructure projects.

WHY THIS PATHWAY MATTERS

People will always need homes, schools, roads, and hospitals. You could be part of shaping communities, solving housing problems, and building safer, smarter spaces.

And with infrastructure expanding and technology evolving, careers in this space offer long-term growth and plenty of opportunity.



CONSTRUCTION L2

A SOLID START TO A CAREER IN CONSTRUCTION

This course gives students the chance to learn by doing. They'll start with a garden furniture build before progressing to larger timber-framed structures. Along the way, students will learn how to safely use hand and power tools, read and interpret building plans, and carry out quality checks on their work. With a strong focus on practical experience and project completion, this course is perfect for those who enjoy physical work, solving problems, and creating something they can be proud of.

KEY DETAILS

Course delivery	Terms 1-3, 1 day per week
Location	ROT, TPO, TGA, TOK, WHK
NCEA level	2

FUTURE PATHWAYS

Certificates L1-3, NZ Certificates L3-4, Diploma's L5-7, Apprenticeships in Construction and Automotive, Further university studies – such as bachelor's degrees in business, computer science

FUTURE CAREERS

Construction Labourer, Roofing or Scaffolding Assistant, General Maintenance Worker, Traffic Control Assistant, Builder's Apprentice

UNIT STD	LEVEL	CREDITS
12927	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	2 6
24350	Identify, select, maintain, and use portable power tools for BCATS projects	2 6
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2 3
22607	Read and interpret plans, working drawings and specifications for BCATS projects	2 3
31812	Complete a BCATS project	2 6
TOTAL		24

*Toi Ohomai course details and locations may change. Please contact careers advisers for the most up to date information.



CARPENTRY & JOINERY L3

YOUR FUTURE IN CARPENTRY STARTS HERE

This advanced course offers a strong foundation in carpentry and joinery while you're still at school, giving you a head start toward a career in the construction industry. You'll develop valuable, work-ready skills through hands-on learning, working on a Stage 3 BCATS project that reflects real-world expectations in the trades.

Throughout the course, students will gain experience using a wide range of tools and materials, apply safe workplace practices, and collaborate in a team environment. This is an ideal next step for those looking to transition into the New Zealand Certificate in Construction or begin a construction apprenticeship.

KEY DETAILS

Course delivery Terms 1–3, 1 day per week

Location ROT, TPO, TGA, TOK, WHK

NCEA level 3

FUTURE PATHWAYS

NZ Certificate in Construction Trade Skills (L3), NZ Certificate in Carpentry (L4), NZ Diploma in Construction (Construction Management) (L6), NZ Diploma in Construction (Quantity Surveying) (L6)

FUTURE CAREERS

Apprentice within the Construction Industry, Qualified Carpenter, Supervisory and Management roles within the Construction Industry

	UNIT STD	LEVEL	CREDITS
29684	Undertake a Stage 3 BCATS project	3	12
29682	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	3	4
29678	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project	3	4
29680	Communicate and work collaboratively in a Stage 3 BCATS project	3	5
TOTAL			25

**Toi Ohomai course details and locations may change. Please contact careers advisers for the most up to date information.*



ALLIED TRADES TRAINING L2-3

BUILD YOUR FUTURE WITH REAL-WORLD TRADE SKILLS

Get hands-on experience across a range of trades while helping renovate a house. Learn skills in plumbing, electrical, painting, flooring, kitchen design, working at heights, and more, guided by a master builder and industry professionals.

The course blends modern building practices, sustainability, and Ngāti Awatanga culture, with insights into local employment pathways and industry connections.

Offered in partnership with BoP House Removals, Galloway Builders, the local Master Builders Association, Te Rūnanga o Ngāti Awa, and Trident High School.

KEY DETAILS

Course delivery	Terms 1-3, 5 days per week (Trident High School students) / 3 days per week (local area students)
Location	WHK
NCEA level	2-3

FUTURE PATHWAYS

Any level 3 course at school, Building and Construction Level 3 at Toi Ohomai or other training institutions

FUTURE CAREERS

Hammerhands, builder, painter, roofer, gibbing installer, flooring installer, kitchen installer, allied trades labourer

	UNIT STD	LEVEL	CREDITS
*24354	Safety (BCATS)	2	4
*24360	Timber and Materials (BCATS)	2	5
*31511	DKO BCATS Industries (BCATS)	2	4
*12927	Hand Tools (BCATS)	2	6
*24350	Power Tools (BCATS)	2	6
*24351	Fixed Machinery (BCATS)	2	6
*12933	Concrete (BCATS)	2	6
*24358	Plan and Monitor (BCATS)	2	3
*24361	Maths (BCATS)	2	3
*24357	Communication	2	4
4261	Identify legal rights and obligations –motor vehicle ownership	2	3
12349	Time Management	2	3
7127	How to make a good purchase choice	2	3
1979	Describe employment agreements	2	3
12354	Renting accommodation in NZ	2	4
24871	Fill in Forms	3	2
10851	*Forklift Course	3	7
25045 23229	*Heights Course	3	8
17591	*Health & Safety Course	3	8
TOTAL			63

* Unit standards offered in 3 days per week course version.



TRIDENT TRADES TRAINING

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BUILDING & CONSTRUCTION (COHORT) L2

Explore construction through a hands-on course grounded in tikanga Māori. Students gain practical skills in tool safety, teamwork, project planning, and building—all delivered either weekly (1 day/week for 30 weeks) or in noho-style blocks (4–5 days across the year), at school, kura, or marae.

200-Hour (20 Credits): Core construction skills in a BCATS environment, including safe tool use, communication, and workplace safety.

230-Hour (23 Credits): A deeper dive into construction with a full project build, covering materials, planning, quality control, and industry knowledge.

Courses are scheduled in collaboration with schools. Contact Te Wānanga o Aotearoa to find the best fit for your students.

KEY DETAILS

Course delivery Terms 1–3, 1 day per week; or noho-style

Location WHK, Kawerau, Murupara. Other BOP schools / Kura Kaupapa Māori (conditions apply)

NCEA level 2

FUTURE PATHWAYS

NZ Certificate in Construction Trade Skills (Carpentry) L3, BCITO Apprenticeship L4

FUTURE CAREERS

Building, Concreting and Bricklaying, Construction Sites, Exterior Joinery and Stairs, Joinery, Paving and Landscaping, Painting and Decorating, Roofing

200-HOUR PROGRAMME

	UNIT STD	LEVEL	CREDITS
12927	Identify, select, maintain, and use hand tools for BCATS projects	2	6
24350	Identify, select, maintain, and use portable power tools for BCATS projects	2	6
24354	Demonstrate knowledge and apply safe working practices in BCATS workplace	2	4
24357	Receive instructions and communicate information in relation to BCATS projects	2	4
TOTAL			20

230-HOUR PROGRAMME

	UNIT STD	LEVEL	CREDITS
12936	Construct a non-consent timber framed utility building as a BCATS project	2	8
24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	3
24360	Demonstrate knowledge of timber and other construction materials used in BCATS projects	2	5
24361	Apply mathematical processes to BCATS projects	2	3
31511	Demonstrate knowledge of BCATS industries	2	4
TOTAL			23



Te Wānanga
o Aotearoa

TE WĀNANGA O AOTEAROA

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CIVIL INFRASTRUCTURE (COHORT) L2

BUILD A FUTURE IN CIVIL INFRASTRUCTURE

This hands-on course introduces students to the civil infrastructure industry, building practical skills and foundational knowledge for future work in civil construction. Learners gain experience in safe work practices, machinery use, temporary traffic management, licensing awareness, and quality assurance.

Courses are delivered as noho-style block learning or 1–2 days per week, scheduled in consultation with each school or kura.

KEY DETAILS

Course delivery	Terms 1–3, 1–2 days per week; or Noho-style
Location	ROT, TPO, TGA, TOK, WHK
NCEA level	2

FUTURE PATHWAYS

Infrastructure Works L3, Plant Operations L3, Bitumen Surfacing Construction L4, Civil L4, Single Site Supervision L4, Surveying L4, Civil Engineering L4 and L5

FUTURE CAREERS

Roading, Construction Worker, Foreman, Civil Engineer, Trades worker

	UNIT STD	LEVEL	CREDITS
17327	Communicate with stakeholders on an infrastructure worksite	2	3
20868	Demonstrate knowledge of emergency situations, procedures, and responses on an infrastructure worksite	2	4
22283	Demonstrate knowledge of the New Zealand infrastructure works industry	2	3
26720	Describe health, safety, and environmental care at an infrastructure worksite	2	3
6475	Describe and complete work records for an infrastructure worksite	2	2
6477	Demonstrate knowledge of aggregates and mixes used on an infrastructure worksite	2	3
23285	Use and care for hand tools used on an infrastructure worksite	2	2
TOTAL			20



Te Wānanga
o Aotearoa

TE WĀNANGA O AOTEAROA

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CARAVAN RESTORATION L2

TRADE SKILLS IN ACTION: CARAVAN RESTORATION PROJECT

The Restoration and Renovation Project is a hands-on introduction to the trades through the real-world challenge of reviving an old caravan. Students will gain practical experience across a range of sub-trades—carpentry, painting, electrical, and interior fit-out—while working as a team to complete a professional-standard build.

This project develops essential trade skills, encourages problem-solving, and builds confidence in using tools, materials, and techniques used in the industry. It's a unique opportunity to learn by doing—and to create something lasting and valuable for the school and wider community.

*Students from other schools can apply to this course, but student numbers are limited.

KEY DETAILS

Course delivery	3-day course
Location	Kawerau
NCEA level	2

FUTURE PATHWAYS

Any level 3 course at school or within the Futures Academy. Beyond school it could lead to a Trades apprenticeship in a range of industries

FUTURE CAREERS

Trade Industries: construction, carpenter, fabrication, welding, design

UNIT STD		LEVEL	CREDITS
91253 (Media)	Complete a developed media product from a design and plan using a range of conventions	2	6
16142	Describe the practices associated with a powhiri	2	2
8195	Test and select batteries used in electronic applications & select suitable chargers	2	4
25536	Operate a bandsaw to produce furniture components	2	3
18915	Use fixing hardware in furniture making	2	3
16230	Demonstrate knowledge of the use of adhesives in furniture making	2	2
17594	Demonstrate knowledge of hearing conversation in the workplace	2	3
18408	Demonstrate knowledge of fire and emergency warden duties in the workplace	2	3
19522	Undertake job safety analysis	2	3
30265	Apply Health and safety risk assessment to a job role	2	8
17586	Demonstrate knowledge of electrical safety in the workplace	2	4
23229	Use safety harness system when working at height	2	4
17600	Explain safe work practices for working at heights	2	3
TOTAL			48



BUILDING ACADEMY L3

DEVELOP REAL SKILLS TO SHAPE YOUR TRADES FUTURE

This hands-on course is your launchpad into the building industry. Based at Ōpōtiki College, you'll work on real construction projects by helping build re-locatable homes — gaining practical experience that sets you up for a career in the trades.

*This course may also be delivered at other EBoP school locations upon negotiation.

KEY DETAILS

Course delivery Terms 1-4, 5 days per week (in school) / 3 days a week (local school)

Location OPO

NCEA level 3

FUTURE PATHWAYS

BCITO Apprenticeship L4

FUTURE CAREERS

Building, Electrician, Plumbing, Scaffolding, GIB stopping, Painting and Decorating, Roofing

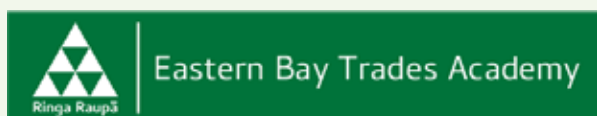
	UNIT STD	LEVEL	CREDITS
29684*	Undertake a Stage 3 BCATS project	3	12
29677*	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	3	2
29678*	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project	3	4

29679*	Develop and use BCATS project documentation for a Stage 3 BCATS project	3	8
29680*	Communicate and work collaboratively in a Stage 3 BCATS project	3	5
29681*	Measure and calculate for a Stage 3 BCATS project	3	3
29682*	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	3	4
29683*	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule	3	2
32462*	Use Carpentry tools under supervision	3	12
32443	Demonstrate knowledge of tools and equipment used for carpentry	3	9
12997	Demonstrate knowledge of working safely in construction	3	3
24362	Demonstrate knowledge of documentation, working drawings and specifications for building work	3	3
13002	Demonstrate knowledge of timber used in construction	3	2
24378	Make calculations for carpentry	3	4
TOTAL			73

* 3 days per week course unit standards offered.

EASTERN BAY TRADES ACADEMY

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CONSTRUCTION ACADEMY L2-3

REAL SKILLS. REAL PROJECTS. REAL PATHWAYS.

This 30-week, hands-on programme offers students a strong foundation in the building and construction industry, combining three full days of on-site training each week with real-world work placements.

With over 60 credits available, including 40 BCITO construction standards, students will also gain valuable skills in workplace communication, health and safety, employment readiness, and working at heights. Training focuses on practical building skills, hand and power tool use, and site safety, all tailored to the needs of local learners.

The course is enriched by collaboration with Ngāti Awatanga, ensuring cultural connection and a learning environment that supports identity and diversity. Students graduate with industry-relevant experience and a clear pathway to apprenticeships, further training, or employment in the trades.

KEY DETAILS

Course delivery Terms 1-4, 5 days per week (WHS students) / 3 days a week (area school students)

Location WHK

NCEA level 2-3

FUTURE PATHWAYS

BCITO Apprenticeship, level 4, Building and Construction L4 at Toi Ohomai

FUTURE CAREERS

Building, Concreting and Bricklaying, Construction Sites, Exterior Joinery and Stairs, Joinery, Paving and Landscaping, Painting and Decorating, Roofing

UNIT STD	LEVEL	CREDITS
29677* Follow safe workplace practices, and contribute to a health and safety culture	3	2
29678* Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project	3	4
29679* Develop and use BCATS project documentation for a Stage 3 BCATS project	3	8
29680* Communicate and work collaboratively in a Stage 3 BCATS project	3	5
29681* Measure and calculate for a Stage 3 BCATS project	3	3
29682* Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS	3	4
29683* Incorporate other building, construction and allied trades into a Stage 3 BCATS	3	2
29684* Undertake a Stage 3 BCATS project	3	12
19522 Undertake job safety analysis	3	3
30265 Apply health and safety risk assessment to a job role	3	8
17586 Demonstrate knowledge of electrical safety in the workplace	3	4
17600 Explain safe work practices for working at heights	3	3
15757 Use, install and disestablish temporary proprietary height safety systems when working at heights	3	4
23229 Use safety harness system when working at heights	3	4
TOTAL		66

* 3 days per week course unit standards offered.



WHAKATĀNE HIGH SCHOOL

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